

UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/798,286
Applicant : Kenneth E. Davis et al.
Filed : March 12, 2004
Art Unit : 3744
Examiner : Gene Louis Bankhead
Docket No. : DA V001-082 (IP-889-2003)

DECLARATION UNDER RULE 131

Commissioner for Patents
Mail Stop Amendment
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

We, KENNETH E. DAVIS, ALVIN V. MILLER, JOSEPH H. RYNER, KYLE B. VANMETER, and ROBERT L. WETEKAMP, hereby declare the following:

1. Before March 12, 2003, we conceived in the United States of the VARIABLE SPEED REFRIGERATION SYSTEM described in our patent application, U.S. Serial No. 10/798,286, filed on March 12, 2004, claiming the benefit of Provisional Application No. 60/454,526 filed on March 14, 2003;

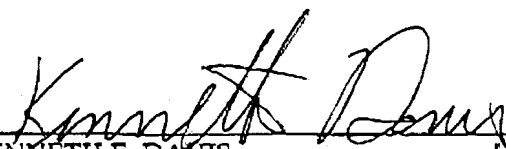
2. From a time before March 12, 2003, we exercised due diligence until constructive reduction of practice of our invention on the filing date of the Provisional Application on March 14, 2003; and

DA V001-082 (IP-889-2003)

PATENT

3. Any and all copies attached hereto are genuine copies of original papers illustrating the forementioned conception of our invention prior to March 12, 2003 and diligence from a date before March 12, 2003 until our constructive reduction to practice on the filing date of the Provisional Application on March 14, 2003. The dates blacked out in the attached genuine copies of the original pages of the supporting documents are all prior to March 12, 2003.

We hereby declare that all statements made herein of our own knowledge are true, and that all statements made on the information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code, and that such willful and false statements may jeopardize the validity of the application, and any patent issuing thereon, or any patent to which this verified statement is directed.

 2 Jul 07

KENNETH E. DAVIS Date

ALVIN V. MILLER Date

JOSEPH H. RYNER Date

KYLE B. VANMETER Date

ROBERT L. WETEKAMP Date

PATENT

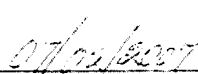
3. Any and all copies attached hereto are genuine copies of original papers illustrating the forementioned conception of our invention prior to March 12, 2003 and diligence from a date before March 12, 2003 until our constructive reduction to practice on the filing date of the Provisional Application on March 14, 2003. The dates blacked out in the attached genuine copies of the original pages of the supporting documents are all prior to March 12, 2003.

We hereby declare that all statements made herein of our own knowledge are true, and that all statements made on the information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code, and that such willful and false statements may jeopardize the validity of the application, and any patent issuing thereon, or any patent to which this verified statement is directed.

KENNETH E. DAVIS

Date



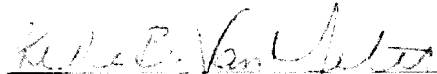


ALVIN V. MILLER

Date

JOSPEH H. RYNER

Date





KYLE B. VANMETER

Date

ROBERT L. WETEKAMP

Date

DA V001-082 (IP-889-2003)

PATENT

reduction to practice on the filing date of the Provisional Application on March 14, 2003. The dates blacked out in the attached genuine copies of the original pages of the supporting documents are all prior to March 12, 2003.

We hereby declare that all statements made herein of our own knowledge are true, and that all statements made on the information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code, and that such willful and false statements may jeopardize the validity of the application, and any patent issuing thereon, or any patent to which this verified statement is directed.

KENNETH E. DAVIS_____
Date_____
ALVIN V. MILLER_____
Date_____
JOSEPH H. RYNER_____
Date

7/10/2007

KYLE B. VANMETER_____
Date_____
ROBERT L. WETEKAMP_____
Date

PATENT

3. Any and all copies attached hereto are genuine copies of original papers illustrating the forementioned conception of our invention prior to March 12, 2003 and diligence from a date before March 12, 2003 until our constructive reduction to practice on the filing date of the Provisional Application on March 14, 2003. The dates blacked out in the attached genuine copies of the original pages of the supporting documents are all prior to March 12, 2003.

We hereby declare that all statements made herein of our own knowledge are true, and that all statements made on the information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code, and that such willful and false statements may jeopardize the validity of the application, and any patent issuing thereon, or any patent to which this verified statement is directed.

KENNETH E. DAVIS

Date

ALVIN V. MILLER

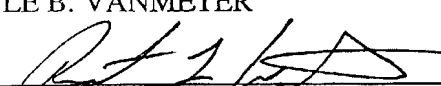
Date

JOSPEH H. RYNER

Date

KYLE B. VANMETER

Date


ROBERT L. WETEKAMP

7/5/2007
Date

DISCLOSURE OF IDEA

MAYTAG

ORIGINATED AT Colesburg
DISCLOSURE NO. 24-98-19

1. TITLE OF IDEA Variable Speed Refrigeration System

2. NAME(S) OF PERSON(S) MAKING DISCLOSURE (Printed or typed.)

Kyle B. Van Meter

3. DATE OF CONCEPTION OF IDEA (Identify and attach any supporting documents.)

4. OBJECT AND DESCRIPTION OF IDEA (Identify and attach any additional information which may be helpful in understanding and evaluating the idea including any earlier written description.)

Refrigeration System Compressor, Freezer Fan & Fresh Food Air Stirring Fan ARE ALL VARIABLE SPEED. THE SYSTEM IS DESIGNED SUCH THAT THE ELECTRONIC CONTROL CAN RUN THE SYSTEM AT MAXIMUM SPEED FOR LARGE COOLING REQUIREMENTS AND MEDIUM TO MINIMUM SPEEDS FOR LESSER COOLING REQUIREMENTS. THIS IS OF GREAT BENEFIT TO THE CONSUMER BY REDUCING ENERGY CONSUMPTION, OVERALL NOISE OUTPUT LEVELS AND REDUCING COMPARTMENT THERMAL STRATIFICATION.

5. DRAWING OR DIAGRAM (Identify and attach any prior drawings including the earliest drawing or sketch.)

<u>Cooling Requirement</u>		<u>INITIAL PUlldOWN AFTER DEFROST</u>
		<u>LOADING COMPARTMENT WITH FOOD</u>
<u>MAXIMUM</u>	<u>50%</u>	<u>MULTIPLE DOOR OPENINGS</u>
		<u>MAXIMUM SOUND LEVEL</u>
<u>MEDIUM</u>	<u>15%</u>	<u>MODERATE DOOR OPENINGS</u>
		<u>SUMMERTIME AMBIENT CONDITIONS</u>
		<u>MEDIUM SOUND OUTPUT LEVELS</u>
<u>MINIMUM</u>	<u>30%</u>	<u>FEW DOOR OPENINGS</u>
		<u>SPRING/FALL/WINTER AMBIENT COND</u>
		<u>MINIMUM SOUND OUTPUT LEVELS</u>

6. **PRIOR ART** (Identify any products, patents and publications of which you are aware that are related to the idea and prior to your conception.)

NONE

7. **USE OF IDEA** (Identify product and/or development project to which the idea relates.)

ALASKA BUILT-IN

8. **DISCLOSURE TO OTHERS** (Identify any disclosure of the idea to the public or to personnel outside of Maytag Corporation.)

NONE

9. **PRODUCTION USE** (Provide date of production or release for production of product including the idea, if any.)

10. **WITNESSES** (Persons to whom the idea has been disclosed, who understand it, and have read the disclosure.)

EXPLAINED TO AND UNDERSTOOD BY ME:



LARRY DIETZ

Name of Witness
(Printed or Typed)

Date of First
Disclosure

Date of
Signature

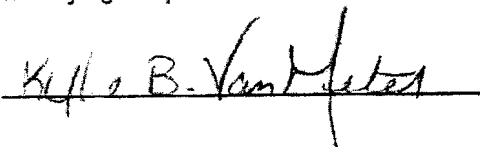
JOSE G. AVENDANO



Signature of
Witness

11. **SIGNATURE(S) OF PERSON(S) MAKING DISCLOSURE**

I (we) hereby agree that the above-disclosed invention was conceived by me (us) and that it is assignable to Maytag Corporation.



Signature

Date of Signature

Noted by Vice President, R & D _____

PLEASE COMPLETE IN INK AND FORWARD TO THE PATENT ADMINISTRATOR